

WHAT IS CLAIMED IS:

1. A digital camera comprising:
an optical lens system providing an optical image,
an image sensor providing pixel data corresponding to said optical image;
an input device configured to respond to a manual input selecting one of a plurality of
5 image filters; and
a processor configured to process said pixel data in response to said selected image
filter to provide filtered image data.
2. The digital camera of claim 1 further comprising:
a display configured to provide a visual display of said filtered image data; and
where the input device is a touch sensitive overlay provided on said display.
3. The digital camera of claim 1 further comprising:
an image storage configured to implement lossy compression of said filtered image
data to provide compressed image data, and store said compressed image data.
- 15 4. The digital camera of claim 1 wherein the image sensor is a color Charged
Coupled Device array (CCD).
5. The digital camera of claim 1 wherein the input device includes menued
options.
6. The digital camera of claim 1 wherein the input device include a voice
20 processor configured to respond to voice commands.

7. The digital camera of claim 1 wherein a subset of said plurality of image filters are selectable by said input device and said processor is configured to provide a composite filter effect in response to selected ones of said subset.

8. An apparatus for recording digital images comprising:
5 a menu displaying a selection of a filter effect available on a digital visual recording device;

a processor configured to perform an adjustment of the properties of said digital visual recording device to include selected ones of said filter effects; and

an output providing an electronic representation of said filtered image.

9. The apparatus of claim 8 wherein said menu is configured to provide a hierarchical display of said filter effects.

10. The apparatus of claim 8 wherein said processor is configured to provide a preview of a filtered image.

11. The apparatus of claim 8 wherein said output includes a removable data
15 storage media capturing said electronic representation.

12. The apparatus of claim 8 wherein said filter effects include one of effects filters, technical filters and correction filters.

13. The apparatus of claim 8 wherein said filter effects include variations in color intensity.

14. The apparatus of claim 9 wherein said processor selectively inhibits said filter effect in response to said input.

15. A method of combining filter effects into digital photography, said method comprising the steps of:

5 selecting a first filter on a digital recording device;
 selecting a second filter on a digital recording device;
 combining said first filter and said second filter to create a combined filtering effect;
 adjusting properties of said digital recording device to include combined filtering effects; and
 10 recording an image on an electronic media of said digital visual recording device which includes said combined filtering effects.

16. The method of claim 15 wherein said step of selecting is accomplished through a hierarchical menu, available before said image recording slip.

15 17. The method of claim 15 wherein said step of adjusting properties of said digital recording device includes providing a preview of said image which includes the filter effects.

18. The method of claim 15 wherein said step of recording includes recording onto a removable electronic data storage media.

20 19. The method of claim 15 wherein said filter effects include one of effects filters, technical filters, and correction filter.

20. The method of claim 15 wherein said effect filters include variations in color intensity.